L Number	Hits	Search Text	DB	Time stamp
T. MONDET	1	("6245189").PN.	USPAT;	2004/06/16 12:18
J 2	1	,	US-PGPUB	, 20, 20 12.10
-	11	("4208159" "4252595" "4318767"	USPAT	2003/12/19 12:29
		"4405435" "4637853" "4889609"		
		"5044871" "5303671" "5573597"		
		"5587205" "5958510").PN.		
-	1	("5766404").PN.	USPAT;	2003/12/19 13:34
_	220	156/345.31	US-PGPUB USPAT;	2003/12/19 13:34
	220	100/040.01	US-PGPUB	2003/12/19 13:34
_	287	((156/345.31) or (156/345.32)).CCLS.	USPAT;	2004/06/15 12:28
		, , , , , , , , , , , , , , , , , , , ,	US-PGPUB	
-	1	("4889609").PN.	USPAT;	2003/12/19 15:12
	_		US-PGPUB	
-	6		USPAT	2003/12/19 15:08
-	442	((414/152) or (414/153) or (414/157) or (414/172)).CCLS.	USPAT;	2003/12/19 15:19
_	954	(((414/152)).CCLS.	US-PGPUB USPAT;	2003/12/19 15:20
) 554	(414/172)).CCLS.) ((414/939).CCLS.)	US-PGPUB	2003/12/13 13.20
-	513	(414/939).CCLS.	USPAT;	2004/06/15 12:30
			US-PGPUB	
-	392	118/719.ccls. and (vertical\$3 with	USPAT;	2004/06/15 12:31
		chamber)	US-PGPUB	0000415455
-	43 12	4886592.URPN.	USPAT	2003/12/19 15:29
-	12	("4498832" "4500407" "4592306" "4643629" "4682927" "4701096"	USPAT	2003/12/19 15:33
		"4721427" "4722298" "4775281"		
		"4886412" "4892451" "4917556").PN.		
-	64	4500407.URPN.	USPAT	2003/12/19 15:34
-	4	5626677.URPN.	USPAT	2003/12/19 16:05
-	4	5626677.URPN.	USPAT	2003/12/19 16:05
-	17	("4318767" "4550242" "4575299"	USPAT	2003/12/19 16:07
		"4584045" "4705444" "4816116" "5079031" "5116640" "5259942"		
		"5286296" "5288684" "5292393"		
		"5302077" "5310410" "5314298"		
		"5387265" "5515986").PN.		
-	73	4318767.URPN.	USPAT	2003/12/19 16:08
-	11	("4149923" "4201579" "4252595"	USPAT	2003/12/19 16:09
		"4318767" "4412771" "4526643" "4563240" "4657620" "4693777"		
		"4563240" "465/620" "4693///" "4699689" "4715921").PN.		
_	33	4816638.URPN.	USPAT	2003/12/19 16:10
-	12	("4816638" "4825808" "4917556"	USPAT	2003/12/19 16:13
		"5067218" "5186718" "5259881"		
		"5433785" "5509771" "5516732"		
	4.4	"5520002" "5620578" "5638687").PN.		
-	11	("4149923" "4201579" "4252595" "4318767" "4412771" "4526643"	USPAT	2003/12/19 16:15
		"4563240" "4657620" "4693777"		
		"4699689" "4715921").PN.		
-	51	4208159.URPN.	USPAT	2003/12/19 17:07
-	5	4418639.URPN.	USPAT	2003/12/19 17:09
-	3	("4190015" "4208159" "4315705").PN.	USPAT	2003/12/19 17:10
-	1827	((118/719) or (414/939) or (156/345.31) or	USPAT;	2003/12/19 17:14
_	9	(156/345.32)).CCLS.	US-PGPUB	2002/10/10 17 15
-	9	(((118/719) or (414/939) or (156/345.31) or (156/345.32)).CCLS.) and sasaki.in.	USPAT;	2003/12/19 17:15
_	0	118/718.ccls and sasaki.in.	US-PGPUB USPAT;	2003/12/19 17:15
	J	==1, .20,0020 and babani.in.	US-PGPUB	2003/12/13 17:13
-	2	118/718.ccls. and sasaki.in.	USPAT;	2003/12/19 17:15
1			US-PGPUB	
~	8	("4423701" "4483883" "4513684"	USPAT	2003/12/19 17:16
		"4574733" "5000114" "5180434"		
	-	"5192585" "5266116").PN.	Hapan	0000/10/10 =============================
	5 8	5364481.URPN. ("4423701" "4483883" "4513684"	USPAT	2003/12/19 17:16
	8	("4423701" "4483883" "4513684" "4574733" "5000114" "5180434"	USPAT	2003/12/19 17:21
] ["5192585" "5266116").PN.		
-	5	5364481.URPN.	USPAT	2003/12/19 17:21
	53	4824309.URPN.	USPAT	2003/12/19 17:39

- `	6	("3902615" "4278380" "4405435"	USPAT	2003/12/19 17:42
	12	"4483651" "4553069" "4619573").PN.	USPAT	2003/12/19 17:45
_	3	 	USPAT	2003/12/19 17:46
-	5	("5820329" "6000905" "6048154"	USPAT	2003/12/19 18:01
		"6059507" "6152669").PN.		
-	1	("4981408").PN.	USPAT; US-PGPUB	2003/12/21 14:25
_	16	4981408.URPN.	USPAT	2003/12/21 14:25
-	12		USPAT	2003/12/21 14:34
		"4643629" "4682927" "4701096"		
ļ		"4721427" "4722298" "4775281"		
_	11	"4886412" "4892451" "4917556").PN. ("4208159" "4252595" "4318767"	USPAT	2003/12/21 14:41
		"4405435" "4637853" "4889609"	001111	2003/12/21 14.41
		"5044871" "5303671" "5573597"		
		"5587205" "5958510").PN.		
_	90806	4208159.URPN. 414/\$.ccls. (chamber nearl (rais\$3 lower\$3	USPAT	2003/12/21 14:43
	90800	lift\$3 elevat\$3))	USPAT; US-PGPUB	2003/12/21 15:03
_	510	414/\$.ccls. and (chamber near1 (rais\$3	USPAT;	2003/12/22 15:17
		<pre>lower\$3 lift\$3 elevat\$3))</pre>	US-PGPUB	
-	323	414/\$.ccls. and (chamber near1 (rais\$3	USPAT;	2004/06/14 16:00
		lower\$3 lift\$3 elevat\$3)) and (guide rail track)	US-PGPUB	
_	5	c23c016\$.ipc. and (chamber near1 (rais\$3	EPO; JPO;	2003/12/21 15:04
		lower\$3 lift\$3 elevat\$3)) and (guide rail	DERWENT	
	1247	track)		0000/10/21
_	1341	118/719.ccls.	USPAT; US-PGPUB	2003/12/21 18:23
_	287	((156/345.31) or (156/345.32)).CCLS.	USPAT;	2003/12/21 15:05
		(400,000,000,000,000,000,000,000,000,000	US-PGPUB	2000, 12, 21 13.00
_	0	("15not16").PN.	USPAT;	2003/12/21 15:05
1_	1185	110/710 0010 000 (//150/245 21)	US-PGPUB	0000/10/01 15 05
-	1103	118/719.ccls. not (((156/345.31) or (156/345.32)).CCLS.)	USPAT; US-PGPUB	2003/12/21 15:05
-	640	414/\$.ccls. and ((chamber cover lid) near1	USPAT;	2003/12/21 15:52
		(rais\$3 lower\$3 lift\$3 elevat\$3)) and	US-PGPUB	
_	83	(guide rail track) 118/719.ccls. and ((chamber cover lid)	HODAM.	2002/12/21 15:07
-	63	near1 (rais\$3 lower\$3 lift\$3 elevat\$3))	USPAT; US-PGPUB	2003/12/21 15:07
		and (guide rail track)	OB TOTOB	
-	0	6245189.URPN.	USPAT	2003/12/21 15:15
-	43	4886592.URPN. ("4733631" "4808291").PN.	USPAT	2003/12/21 15:25
_	24	4733631 4608291).FN.	USPAT USPAT	2003/12/21 15:29 2003/12/21 15:30
-	19	("4715921" "4733631" "4830700"	USPAT	2003/12/21 15:30
]	"4832778" "4906328" "4915777"		
	1	"5019233" "5076205" "5169478" "5205919" "5281295" "5281320"		
	1	"5205919" "5281295" "5281320" "5288379" "5292393" "5302209"		
	1	"5308431" "5330633" "5364219"		
		"5376223").PN.		
	14 36	5667592.URPN. 5058526.URPN.	USPAT	2003/12/21 15:41
-	36	5058526.0RPN. ("4542712" "4640223" "4666734"	USPAT USPAT	2003/12/21 15:47 2003/12/21 15:48
	•	"4770590").PN.	COLAI	2003/12/21 13:48
-	18	414/\$.ccls. and (((chamber cover lid)	USPAT;	2003/12/21 16:09
		near1 (rais\$3 lower\$3 lift\$3 elevat\$3))	US-PGPUB	
		<pre>with seal\$3) and ((guide rail track) with (substrate wafer semiconductor device))</pre>		•
-	64	414/\$.ccls. and (((chamber cover lid)	USPAT;	2003/12/21 15:59
		near1 (rais\$3 lower\$3 lift\$3 elevat\$3))	US-PGPUB	
	1.0	with seal\$3) and (guide rail track)		0000 (00 (00)
-	46	(414/\$.ccls. and (((chamber cover lid) nearl (rais\$3 lower\$3 lift\$3 elevat\$3))	USPAT; US-PGPUB	2003/12/21 15:59
		with seal\$3) and (guide rail track)) not	05 IGFOB	
		(414/\$.ccls. and (((chamber cover lid)		
		near1 (rais\$3 lower\$3 lift\$3 elevat\$3))		
		<pre>with seal\$3) and ((guide rail track) with (substrate wafer semiconductor device)))</pre>		
_	22	4355937. URPN.	USPAT	2003/12/21 16:00

Page 2

		1 (11005 4104 N + 1100 60005 H) my		T
	2	,	USPAT	2003/12/21 16:01
	60	3968885.URPN. (414/\$.ccls. 118/719.ccls.) and ((chamber	USPAT;	2003/12/21 16:02 2003/12/21 16:11
1	1	cover lid) near1 (mov\$5 with vertical\$3))	US-PGPUB	2003/12/21 16:11
_	96126		USPAT;	2003/12/21 16:30
j	""	with (mov\$5 rais\$3 lower\$3 lift\$3 hoist\$3	US-PGPUB	
		elevat\$3) with (chamber lid cover))		
-	1237		USPAT;	2003/12/21 16:32
		(vertical\$3 with (mov\$5 rais\$3 lower\$3	US-PGPUB	,
		lift\$3 hoist\$3 elevat\$3) with (chamber lid		
	570	cover)) (414/\$.ccls. 118/718.ccls.	HODAM	2002/10/01 16 24
_	370	204/298.25.ccls.) and (vertical\$3 with	USPAT; US-PGPUB	2003/12/21 16:34
		(mov\$5 rais\$3 lower\$3 lift\$3 hoist\$3	US-PGPUB	
		elevat\$3) with (chamber lid cover)) and		
		((rail guide track) with (transfer\$4		
		translat\$3 mov\$3))		
-	891		USPAT;	2003/12/21 16:37
		204/298.25.ccls.) and (vertical\$3 with	US-PGPUB	
		(mov\$5 rais\$3 lower\$3 lift\$3 hoist\$3		
		elevat\$3) with (chamber lid cover)) and		
_	429	(rail guide track) (414/\$.ccls. 118/718.ccls.	USPAT:	2003/12/21 16:40
	423	204/298.25.ccls.) and (vertical\$3 with	US-PGPUB	2003/12/21 10:40
		(mov\$5 rais\$3 lower\$3 lift\$3 hoist\$3		
		elevat\$3) with (chamber lid cover)) and		
		((insert\$3 enter\$3 introduce) and (wafer		
		substrate semiconductor))	 	
_	1	("5766404").PN.	USPAT;	2003/12/21 16:48
	69	(414/\$.ccls. 118/718.ccls.	US-PGPUB	2002/10/01 10 01
-	69	204/298.25.ccls.) and ((vertical\$3 with	USPAT; US-PGPUB	2003/12/21 18:04
		(mov\$5 rais\$3 lower\$3 lift\$3 hoist\$3	03-1610B	
		elevat\$3) with (chamber lid cover)) same		
		((insert\$3 enter\$3 introduce) and (wafer		
		substrate semiconductor)))		
_	1	("5773088").PN.	USPAT;	2003/12/21 17:14
	1.7	(H2114650H + H25520006H + H2045447H	US-PGPUB	
-	17	("3114652" "3572286" "3915117" "4301765" "4508049" "4582720"	USPAT	2003/12/21 17:14
		"4592306" "4593644" "4664062"		
		"4666734" "4692233" "4763601"		
		"4946576" "5076205" "5310410"		
		"5472506" "5512320").PN.		
-	2	5773088.URPN.	USPAT	2003/12/21 17:19
_		4226208.URPN.	USPAT	2003/12/21 17:53
1 _	17	4797054.URPN.	USPAT	2003/12/21 17:55
-	8	("3641973" "3656454" "3874525" "3915117" "4226208" "4508055"	USPAT	2003/12/21 17:56
		"4553069" "4632624").PN.		
_	263	(414/217.ccls.) and ((mov\$5 rais\$3 lower\$3	USPAT;	2003/12/21 18:05
		lift\$3 hoist\$3 elevat\$3) near (chamber lid	US-PGPUB	=:
		cover))		
	3243	((414/217.ccls.) and ((mov\$5 rais\$3	USPAT;	2003/12/21 18:06
		lower\$3 lift\$3 hoist\$3 elevat\$3) near	US-PGPUB	
		(chamber lid cover))) npt ((414/\$.ccls. 118/718.ccls. 204/298.25.ccls.) and		
		((vertical\$3 with (mov\$5 rais\$3 lower\$3		
		lift\$3 hoist\$3 elevat\$3) with (chamber lid		
		cover)) same ((insert\$3 enter\$3		
		introduce) and (wafer substrate		
		semiconductor))))		
~	246	((414/217.ccls.) and ((mov\$5 rais\$3	USPAT;	2003/12/21 18:06
		lower\$3 lift\$3 hoist\$3 elevat\$3) near	US-PGPUB	
		(chamber lid cover))) not ((414/\$.ccls. 118/718.ccls. 204/298.25.ccls.) and		
		((vertical\$3 with (mov\$5 rais\$3 lower\$3		
		lift\$3 hoist\$3 elevat\$3) with (chamber lid		
		cover)) same ((insert\$3 enter\$3		
		introduce) and (wafer substrate	İ	
	6	semiconductor))))		
1		4524719.URPN.	USPAT	2003/12/21 18:11

- ,	6	4524719.URPN.	USPAT	2003/12/21 18:12
-	4	("3293074" "3704987" "3749383" "3951271").PN.	USPAT	2003/12/21 18:12
┥_	1	118/719.ccls. and "smema"	USPAT;	2003/12/21 18:23
	*	1107/13.ccis. and smema	US-PGPUB	2003/12/21 10.23
_	42	"smema"	USPAT;	2003/12/21 18:28
			US-PGPUB	
-	45	rigali-louis-a.in. hoffman-david-e.in.	USPAT;	2003/12/21 18:29
		wang-keda.in. smith-william.in.	US-PGPUB	
_	45	118/719.ccls. and (input with (carrier	USPAT;	2003/12/22 15:11
_	12	cassette)) 118/719.ccls. and (input with (carrier))	US-PGPUB USPAT;	2003/12/22 15:10
		110/715.ccis. and (input with (callief //	US-PGPUB	2003/12/22 13.10
_	33	(118/719.ccls. and (input with (carrier	USPAT;	2003/12/22 15:10
		cassette))) not (118/719.ccls. and (input	US-PGPUB	
	_	with (carrier)))		
_	1	118/719.ccls. and (input adj (cassette))	USPAT;	2003/12/22 15:11
_	1827	((118/719) or (414/939) or (156/345.31) or	US-PGPUB	2002/12/22 15:12
	102/	(1167719) of (4147939) of (1567345.31) or (1567345.32)).CCLS.	USPAT; US-PGPUB	2003/12/22 15:13
-	17	(((118/719) or (414/939) or (156/345.31)	USPAT;	2003/12/22 15:13
		or (156/345.32)).CCLS.) and (input adj	US-PGPUB	
		(carrier cassette))		
-	129	c23c016\$.ipc. and (chamber near1 (rais\$3	EPO; JPO;	2003/12/22 15:18
l _	13975	lower\$3 lift\$3 elevat\$3)) method with "liquid crystal" with (screen	DERWENT	2002/12/22 10 52
-	139/3	method with "liquid crystal" with (screen display)	USPAT; US-PGPUB	2003/12/22 18:52
_	3300	method with "liquid crystal" with (screen	USPAT;	2003/12/22 18:53
		display) with manufacturing	US-PGPUB	2000/12/22 10:55
-	1993	(428/901).CCLS.	USPAT;	2003/12/22 19:07
		1226122	US-PGPUB	
-	37	4336438.URPN.	USPAT	2004/06/14 15:28
_	/	("3213997" "3623719" "3812947" "4149923" "4151034" "4208159"	USPAT	2004/06/14 15:33
ļ		"4263088").PN.		
-	53	4208159.URPN.	USPAT	2004/06/14 15:35
1 -	8	("4423701" "4483883" "4513684"	USPAT	2004/06/14 15:46
i		"4574733" "5000114" "5180434"		
l _		"5192585" "5266116").PN.	HODE	2004/06/14 55 55
_	5 2	5364481.URPN. 5773088.URPN.	USPAT USPAT	2004/06/14 15:47 2004/06/14 15:49
_	17	("3114652" "3572286" "3915117"	USPAT	2004/06/14 15:50
		"4301765" "4508049" "4582720"		2001, 00, 11 10:00
		"4592306" "4593644" "4664062"		
		"4666734" "4692233" "4763601"		
		"4946576" "5076205" "5310410" "5472506" "5512320").PN.		
_	196	414/\$.ccls. and (chamber with (rais\$3	USPAT;	2004/06/14 16:02
		lower\$3 lift\$3 elevat\$3) with (guide rail	US-PGPUB	~004/00/14 TO:05
		track))		
-	13	414/\$.ccls. and (chamber with (rais\$3	USPAT;	2004/06/14 16:04
		lower\$3 lift\$3 elevat\$3) with seal\$3 with	US-PGPUB	
_	618	(guide rail track))	пораш	0004/06/15 10 00
	018	(chamber with (rais\$3 lower\$3 lift\$3 elevat\$3) with seal\$3 with (quide rail	USPAT; US-PGPUB	2004/06/15 12:30
		track))	US-FGFUB	
-	73	(substrate wafer workpiece semiconductor)	USPAT;	2004/06/14 16:11
		and (chamber with (rais\$3 lower\$3 lift\$3	US-PGPUB	
		elevat\$3) with seal\$3 with (guide rail		
_	8	track))		0004/06/5
-	8	<pre>(substrate wafer workpiece semiconductor) and (chamber with (rais\$3 lower\$3 lift\$3</pre>	EPO; JPO; DERWENT	2004/06/14 16:11
		elevat\$3) with seal\$3 with (guide rail	DEVMENT	
		track))		
_	2	118/718.ccls. and (chamber with (rais\$3	USPAT;	2004/06/14 16:18
		lower\$3 lift\$3 elevat\$3) with seal\$3 with	US-PGPUB	
<u>_</u>		(guide rail track))	HCDAM	0004/06/5
	. 8	118/719.ccls. and (chamber with (rais\$3 lower\$3 lift\$3 elevat\$3) with seal\$3 with	USPAT;	2004/06/14 16:21
		(quide rail track))	US-PGPUB	
		(garac rair crack))		L

	3	(204/298.25-298.29.ccls. 204/298.35.ccls.)	USPAT;	2004/06/14 16:17
		and (chamber with (rais\$3 lower\$3 lift\$3	US-PGPUB	
		elevat\$3) with seal\$3 with (guide rail		
		track))		
-	10	118/718.ccls. and (chamber with (rais\$3	USPAT;	2004/06/14 16:18
		lower\$3 lift\$3 elevat\$3) with (quide rail	US-PGPUB	
		track))	05 10105	
	21	118/718.ccls. and (chamber with (rais\$3	USPAT;	2004/06/14 16:21
	21			2004/06/14 16:21
	2.4	lower\$3 lift\$3 elevat\$3) with seal\$3)	US-PGPUB	0004/06/14 16 00
-	24	("2391970" "3223498" "3541293"	USPAT	2004/06/14 16:23
i		"3658585" "3868106" "4040372"		
		"4588660" "4591374" "4920917"		
		" 5028250 " " 5248349 " " 5368648 "		
		"5372646" "5413671" "5470397"		
		"5536333" "5589007" "5614249"		
		"5772715" "5921559" "5938851"		
		"5945163" "6037241" "6236021"		
		"2001/0017294").PN.		
-	159	118/719.ccls. and (chamber with (rais\$3	USPAT;	2004/06/15 12:30
		lower\$3 lift\$3 elevat\$3) with seal\$3)	US-PGPUB	
_	12	4607593.URPN.	USPAT	2004/06/14 16:30
_	12	4607593.URPN.	USPAT	2004/06/14 16:31
_	2	("4338883" "4501766").PN.	USPAT	2004/06/14 16:31
<u>-</u>	1217	118/719.ccls. not (156/345.31.ccls.	USPAT;	2004/06/14 10:31
	1217	156/345.32.ccls.)	US-PGPUB	2004/06/13 12:30
	160	118/719.ccls. and (chamber with (rais\$3	:	2004/06/15 12:21
-	160		USPAT;	2004/06/15 12:31
	400	lower\$3 lift\$3 elevat\$3) with seal\$3)	US-PGPUB	0004/06/15 10 00
-	402	118/719.ccls. and (vertical\$3 with	USPAT;	2004/06/15 12:32
	5.40	chamber)	US-PGPUB	
_	549	(414/939).CCLS.	USPAT;	2004/06/15 13:03
1			US-PGPUB	
-	762	(118/719.ccls. not (156/345.31.ccls.	USPAT;	2004/06/15 13:06
		156/345.32.ccls.)) not ((118/719.ccls. and	US-PGPUB	
		(chamber with (rais\$3 lower\$3 lift\$3		
		elevat\$3) with seal\$3)) (118/719.ccls.		
		and (vertical\$3 with chamber))		
		((414/939).CCLS.))		
-	5	("3854443" "4870923" "5088444"	USPAT	2004/06/15 13:40
		"5091217" "5139459").PN.		
-	18	5088444.URPN.	USPAT	2004/06/15 13:41
_	12	("3246627" "4468283" "4495889"	USPAT	2004/06/15 13:41
		"4596208" "4683143" "4945856"		2001,00,10 13.11
		"4957781" "5002011" "5088444"		
		"5091207" "5151133" "5350453").PN.		
_	27	5534068.URPN.	USPAT	2004/06/15 13:42
_	3			
	=	("4268538" "4709655" "4883020").PN.	USPAT	2004/06/15 13:46
-	15	5232508.URPN.	USPAT	2004/06/15 13:46
-	5	("3854443" "4870923" "5088444"	USPAT	2004/06/15 13:46
L		"5091217" "5139459").PN.		

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